



11-4-05

Attorney Docket No. 3477-91

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Jeffrey L. Wrana  
Application No.: 09/744,167  
Filed: September 20, 2001  
For: *SARA PROTEINS*

Group Art Unit: 1631

Date: November 3, 2005

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO NOTICE TO FILE CORRECTED APPLICATION PAPERS**

Sir:

In response to the Notice to File Corrected Application Papers mailed October 4, 2005 regarding the above-referenced patent application, enclosed is a clean version of Tables 9 and 10.

A copy of the Notice is also enclosed. There is no fee believed due, however, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 50-0220.

Respectfully submitted,

Mary L. Miller  
Registration No. 39,303

Myers Bigel Sibley & Sajovec, P.A.  
P. O. Box 37428  
Raleigh, North Carolina 27627  
Telephone: (919) 854-1400  
Facsimile: (919) 854-1401  
Customer No. 20792

**CERTIFICATE OF EXPRESS MAILING**

Express Mail Label No. EV675784484US

Date of Deposit: November 3, 2005

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Erin A. Campion



## UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Serial Number  
09744167

Date Mailed  
10/04/05

### NOTICE TO FILE CORRECTED APPLICATION PAPERS

#### ***Notice of Allowance Mailed***

This application has been accorded an Allowance Date and is being prepared for issuance. The application, however, is incomplete for the reasons below.

Applicant is given 30 days from the mail date of this Notice within which to correct the informalities indicated below. A failure to reply will result in the application being ABANDONED. This period for reply is NOT extendable under 37 CFR 1.136 (a) or (b).

- Tables 9 and 10 are illegible.

**APPLICANT MUST SUPPLY MISSING INFORMATION WITHIN 30 DAYS OF THE MAIL DATE OF THIS NOTICE.**

A copy of this notice MUST be returned with the reply. Please address response to Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Rori Burch  
USPTO  
Publishing Division  
Fax (703) 746-6830  
Fax (703) 308-6642



Table 9

hSARA MHDIDENVAEDQIKRNYSWDDOSSAVENGENKCGNACLPDEKVNLLVVAVMHNCDKRTLONDODNNYNSOSLMD 77  
 XSARA MPKHYHDTIWAEDSHFNNTGPEIYCPNTVESC...S0ALDOS...VNIHNEKSVLADGSPSSP...KSIIN 70

hSARA AFSCSLDHNENRQDOFSFSINESTEKDMNSEKONDPLNRPTEKRSVHNLCPTSSDLSAVCSF0LKDODGSIA0DPSMS 157  
 XSARA FDCLTMDN...EMPLHSOMSVDDNOK...ETVTISVPTIIODSNVSTDPAINK...ATKEPHR 127

hSARA ATISLIVDSVIMSSGTOGEPAVKKOEN...YIPEDELTGKISSPRDLDGPNNSFHSMEGILMKKEPAEESTTEESDPSL 236  
 XSARA ALKEITISVILPEIKPYSCTAISFENNKNVSYOEN...NEDCIS...VSPVNEACSE000KHTS1HEEMLFEGWS 198

hSARA LLLXPDMPNGSGRNNDCERCSCLVNPNEVRDNEGYEKEETLTTEFLNMTFSESODINTNWKLTKNEANDSOVNE 316  
 XSARA ATES...FATAETVLDNEAISAEFDIVVKNFSODCHINGDTSSC0L...OES 250

hSARA KEKELOIISPEDTNGDSGOCVGLADAGLDDKGTCISESECFSTVIDTFPAIANYEISNGCDSYGMODPGVSFVVKTERPSK 396  
 XSARA NEKEFCAKSEFE...SG...VANVLENAVAYKAIDPEEENGAPMSLYNGCDSYGMKNEAVAOONPKNUPSK 319

hSARA EDSVTEKEIIEESKSE...VSNTYEO...FONEKEGSELLNSTGEMX...VHNFFPSDVSPLGQSSPKVVASL...PLISVFFG 475  
 XSARA EDSVTEKEIIEESKSE...VTCGYVEOODEDNTVERGELLAHAKADOMK...VNSL...VNE2SHQGSPKKGIVVLSLSPYGC 398

hSARA GARP...KOPISNEKLOLPPKPSDHDHICOND...FPIANSGNNTKKNNDILGSKAKLGENSEATNVCPSP...SLGNISNV...TNGEHLSEYAE 553  
 XSARA GARTKOPTHEKUHPPKPSDHDHICOND...IPBNAGCSKVKNEMKSNODNLSESLEDBAVRSPVTDANGDPPGETJGP 478

hSARA ISTRPQULAPDSDPNDLPGQEGISAKRPTTGEVAPXWVWDSDQPNCHICCEARST...EKRHHHCRAAGKVKFCASCGS... 633  
 XSARA GS...LCLAVSPDSDPNDLPGQEGV...SKRPTTGEVAPXWVWDSDQPNCHICCEARST...EKRHHHCRAAGKVKFCACCGS... 556

hSARA KCKL...YMDRKEARVCVICHSVLMMAGWENMMMSA95...D5PNPNNPAEY...CSTIPLDQAOASGALS...SPPPTV...MV...PV/GV...UHKH... 713  
 XSARA KCKL...YMDRKEARVCVICHSVLMMAGWENMMMSA95...D5PNPNNPAEY...CSTIPLDQAOASGALS...SPPPTV...MV...PV/GV...UHKH... 636

hSARA SAENADPREDRRWVFAOGI...VPGNGE...ADAAKLT...NPT...S...AGTLAVSHDOPVVPVIT...LPAETD...I...L...SGS...HT...O...GSPV...GSA 793  
 XSARA GTEGSS...KEQRWVFAOGI...VPGNGE...ADAAKLT...NPT...S...AGTLAVSHDOPVVPVIT...LPAETD...I...L...SGS...HT...O...GSPV...GSA 705

hSARA MNELEDDGCPPH...L...STG...V...K...G...D...Y...A...V...E...E...K...P...G...I...G...V...M...G...L...D...P...L...V...F...V...L...N...A...L...M...W...K...I...V...N...V...N...R...K...C...W...F...T...K...G...M...H...A...V...G... 673  
 XSARA MNELEDDGCPPH...L...STG...V...K...G...D...Y...A...V...E...E...K...P...G...I...G...V...M...G...L...D...P...L...V...F...V...L...N...A...L...M...W...K...I...V...N...V...N...R...K...C...W...F...T...K...G...M...H...A...V...G... 785

hSARA SEHUVL...L...G...P...D...E...K...C...L...K...D...I...I...H...E...V...Y...R...D...A...L...A...G...N...V...S...N...E...G...H...S...F...S...S...O...S...F...L...G...S...K...E...H...G...G...E...Y...T...I...Y...G...S...D...E...V...E...P...T...P...Y...C... 853  
 XSARA AEHUVL...L...G...P...D...E...K...C...L...K...D...I...I...H...E...V...Y...R...D...A...L...A...G...N...V...S...N...E...G...H...S...F...S...S...O...S...F...L...G...S...K...E...H...G...G...E...Y...T...I...Y...G...S...D...E...V...E...P...T...P...Y...C... 855

hSARA GFL...GK...W...P...R...W...A...K...V...F...P...I...R...M...R...L...G...A...E...Y...P...Y...C...P...L...E...S...V...F...R...K...P...L...F...G...E...T...Q...H...T...I...M...L...I...A...D...E...R...N...Y...O...T...I...P...V...G...O...G...V...D...M...E...V...R...K... 1033  
 XSARA GHFL...GK...W...P...R...W...A...K...V...F...P...I...R...M...R...L...G...A...E...Y...P...Y...C...P...L...E...S...V...F...R...K...P...L...F...G...E...T...Q...H...T...I...M...L...I...A...D...E...R...N...Y...O...T...I...P...V...G...O...G...V...D...M...E...V...R...K... 945

hSARA SIEKIPSNRYNEMMKAMKNSNEHVL...A...G...A...C...E...N...E...A...D...S...H...L...V...C...V...O...N...D...G...N...Y...O...G...A...I...S...I...N...D...R...K...U...G...A...S...P...E...V...E...G...A...E...K...S...G... 1113  
 XSARA SIEKIPSNRYNEMMKAMKNSNEHVL...A...G...A...C...E...N...E...A...D...S...H...L...V...C...V...O...N...D...G...N...Y...O...G...A...I...S...I...N...D...R...K...U...G...A...S...P...E...V...E...G...A...E...K...S...G... 1025

hSARA EAKSISVVEDGVVMQVTAE...N...M...S...L...R...G...A...L...R...E...M...K...D...F...T...I...C...G...K...A...D...A...E...P...S...H...E...V...I...H...P...D...D...K...N...V...S...K...G...V...S...P...I...D...G...K...M...E...T...I...T...N...W... 1193  
 XSARA EAKSISVVEDGVVMQVTAE...S...M...A...E...R...G...S...V...R...E...M...K...D...F...T...I...C...G...K...A...D...A...E...P...S...H...E...V...I...H...P...D...D...K...N...V...S...K...G...V...S...P...I...D...G...K...M...E...T...I...T...N...W... 1105

hSARA IFRHGS...EY...K...A...N...G...K...V...I...R...W...I...E...V...F...E...N...D...D...Q...Q...N...C...I...S...P...R...A...D...H...S...R...L...T...E...N...A...A...C...E...A...C...P...L...K...C...K...E...D...G...M...T...D...G...L...R...U...S...E...D...S...D...Q...V...G... 1273  
 XSARA IFRHGS...EY...K...A...N...G...K...V...I...R...W...I...E...V...F...E...N...D...D...Q...Q...N...C...I...S...P...R...A...D...H...S...R...L...T...E...N...A...A...C...E...A...C...P...L...K...C...K...E...D...G...M...T...D...G...L...R...U...S...E...D...S...D...Q...V...G... 1185

hSARA DAGSNQO...P...L...P...S...O...M...N...D...S...A...I...V...P...K...I...H...G...G...A...C...Q...L...S...E...G...P...V...M...E...L...U...Y...T...E...N...I... 1223  
 XSARA DAGSNQO...P...L...P...S...O...M...N...D...S...A...I...V...P...K...I...H...G...G...A...C...Q...L...S...E...G...P...V...M...E...L...U...Y...T...E...N...I... 1223

Table 10

hSARA 587 EG...V...A...P...V...W...P...D...D...A...P...N...M...K...C...E...A...F...T...I...T...K...R...R...H...C...R...A...G...K...V...F...C...A...S...C...E...L...K...C...K...E...I...N...D...F...K...E...A...R...V...C...V...I...H...S...V...E... 655  
 XSARA 510 EG...V...A...P...V...W...P...D...D...A...P...N...M...K...C...E...A...F...T...I...T...K...R...R...H...C...R...A...G...K...V...F...C...A...S...C...E...L...K...C...K...E...I...N...D...F...K...E...A...R...V...C...V...I...H...S...V...E... 578  
 KIAA0305 737 EG...K...O...P...T...I...P...D...E...A...P...N...M...C...M...C...E...A...F...T...I...T...K...R...R...H...C...R...A...G...K...V...F...C...A...S...C...E...L...K...C...K...E...I...N...D...F...K...E...A...R...V...C...V...I...H...S...V...E... 800  
 FG01 720 EG...K...O...P...T...I...P...D...E...A...P...N...M...C...M...C...E...A...F...T...I...T...K...R...R...H...C...R...A...G...K...V...F...C...A...S...C...E...L...K...C...K...E...I...N...D...F...K...E...A...R...V...C...V...I...H...S...V...E... 485  
 Hrs 153 AAFR...A...P...D...W...D...A...F...E...C...P...R...C...V...D...E...G...V...V...T...R...X...H...C...R...A...G...K...V...F...C...A...S...C...E...L...K...C...K...E...I...N...D...F...K...E...A...R...V...C...V...I...H...S...V...E... 219  
 Hrs-2 153 AAFR...A...P...D...W...D...A...F...E...C...P...R...C...V...D...E...G...V...V...T...R...X...H...C...R...A...G...K...V...F...C...A...S...C...E...L...K...C...K...E...I...N...D...F...K...E...A...R...V...C...V...I...H...S...V...E... 219  
 EEA-1 1341 TOALN...H...A...E...D...E...V...O...N...C...M...C...G...K...G...S...V...T...V...R...R...H...C...R...P...E...G...N...I...P...C...A...E...C...S...A...K...N...A...T...P...S...S...K...I...P...V...R...C...D...A...C...F...N...D...G... 1408

CONSENSUS...P...W...-...C...-...F...-...R...K...H...C...R...A...G...-...V...F...C...A...C...-...-...R...V...C...-...C...-...L